

5'	A	TCC	ATG	CTA	AAG	GTA	AAC	AAA	CTG	CAA	CTT	ATA	TCT	GCA	ATT	TAT	TTT	GGT	54
	ATA	GAC	AAG	AGG	TAT	GCC	AGT	AGC	ACA	CTG	GTG	GCT	TCA	GAA	GAA	ATT	CTC	AAC	108
	ACC	TAG	CTC	GCC	AGA	GAG	TCT	ATG	TAT	GGG	ATT	GAA	CAA	TCT	GTA	AAC	TAA	AGG	162
	ATC	CTA	ATC	ATG	AAA	ATA	AGT	ATG	ATA	AAT	TAT	AAG	TCA	CTA	TTG	GCA	CTG	TTG	216
	TTT	ATA	TTA	GCC	TCC	TGG	ATC	ATT	TTT	ACA	GTT	TTC	CAG	AAC	TCC	ACA	AAG	GTT	270
	F	I	L	A	S	W	I	I	F	T	V	F	Q	N	S	T	K	V	
	TGG	TCT	GCT	CTA	AAC	TTA	TCC	ATC	TCC	CTC	CAT	TAC	TGG	AAC	AAC	TCC	ACA	AAG	324
	W	S	A	L	N	L	S	I	S	L	H	Y	W	N	N	S	T	K	

1

333	TTC	TTA	342	AAA	ACA	CCA	CTG	ATA	351	TCA	TTA	AAG	CCA	CTA	ACA	GAG	ACT	378	GAA
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S	L	F	P	K	T	P	L	I	S	L	K	P	L	T	E	T	E		
387	ATA	AAG	GAA	ATC	ATA	GAG	AAA	CTA	GAT	396	405	414	CAG	ATC	CCA	CCC	AGA	432	CCT
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
L	R	I	K	E	I	I	E	K	L	D	Q	Q	I	P	P	R	P		
441	ACC	CAC	GTG	AAC	ACC	ACC	ACC	AGC	459	468	CAT	AGC	ACA	GCC	ACC	ATC	CTC	486	CTC
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
F	T	H	V	N	T	T	T	S	A	T	H	S	T	A	T	I	L		
495	CCT	CGA	GAT	ACG	TAC	TGC	AGG	GGA	513	522	CAG	CTG	CAC	ATC	CTG	GAG	GTG	540	GTG
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
N	P	R	D	T	Y	C	R	G	D	Q	L	H	I	L	L	E	V		
549	GAC	CAC	TTG	GGA	CGC	AGG	AAG	CAA	567	576	TAT	GGC	GAT	TTC	CTG	AGG	GCC	594	AGG
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
R	D	H	L	G	R	R	K	Q	Y	G	G	D	F	L	R	A	R		

FIGURE 1B

603	612	621	630	639	648
ATG TCT TCC CCA GCG CTG ATG GCA GGT GCT TCA GGA AAG GTG ACT GAC TTC AAC					
M S S P A L M A G A S G K V T D F N					
657	666	675	684	693	702
AAC GGC ACC TAC CTG GTC AGC TTC ACT CTG TTC TGG GAG GGC CAG GTC TCT CTG					
N G T Y L V S S F T L F W E G Q V S L					
711	720	729	738	747	756
TCT CTG CTG CTC ATC CAC CCC AGT GAA GGG GTG TCA GCT CTC TGG AGT GCA AGG					
S L L L I H P S E G V S A L W S A R					
765	774	783	792	801	810
AAC CAA GGC TAT GAC AGG GTG ATC TTC ACT GGC CAG TTT GTG ACT GGC ACT TCC					
N Q G Y D R V I F T G Q F V N G T S					
819	828	837	846	855	864
CAA GTC CAC TCT GAA TGT GGC CTG ATC CTA AAC ACA AAT GCT GAA TTG TGC CAG					
Q V H S E C G G L I L N T N A E L C Q					

FIGURE 1C

873	882	891	900	909	918
TAC CTG GAC AAC AGA GAC CAA GAA GGC TTC TAC TGT GTG AGG CCT CAA CAC ATG					
---	---	---	---	---	---
Y L D N R D Q E G F Y C V R P Q H M					
927	936	945	954	963	972
CCC TGT GCT GCA CTC ACT CAC ATG TAT TCT AAG AAC AAG AAA GTT TCT TAT CTT					
---	---	---	---	---	---
P C A A L T H M Y S K N K K V S Y L					
981	990	999	1008	1017	1026
AGC AAA CAA GAA AAG AGC CTC TTT GAA AGG TCA AAT GTG GGT GTA GAG ATT ATG					
---	---	---	---	---	---
S K Q E K S L F E R S N V G V E I M					
1035	1044	1053	1062	1071	1080
GAA AAA TTC AAT ACA ATT AGT GTC TCC AAA TGC AAC ACA CTG AAG TCA GTG GAT					
---	---	---	---	---	---
E K F N T I S V S K C N T L K S V D					
1089	1098	1107	1116	1125	1134
CTG CAT GAA TCT GGA AAA TTG CAA CAC CAG CTT GCT GTG GAT TTG GAT AGG AAC					
---	---	---	---	---	---
L H E S G K L Q H Q L A V D L D R N					

FIGURE 1D

1143	1152	1161	1170	1179	1188
ATC AAC ATC CAG TGG CAA AAA TAT TGT TAT CCC TTG ATA GGA TCA ATG ACC TAT					
---	---	---	---	---	---
I N I Q W Q K Y C Y P L I G S M T Y					
1197	1206	1215	1224	1233	1242
TCA GTC AAA GAG ATG GAG TAC CTC ACC CGG GCC ATT GAC AGA ACT GGA GGA GAA					
---	---	---	---	---	---
S V K E M E Y L T R A I D R T G G E					
1251	1260	1269	1278	1287	1296
AAA AAT ACT GTC ATT GTT ATT TCC CTG GGC CAG CAT TTC AGA CCC TTT CCC ATT					
---	---	---	---	---	---
K N T V I V I S L G Q H F R P F I					
1305	1314	1323	1332	1341	1350
GAT GTT TTT ATC CGA AGG GCC CTC AAT GTC CAC AAA GCC ATT CAG CAT CTT CTT					
---	---	---	---	---	---
D V F I R R A L N V H K A I Q H L L					
1359	1368	1377	1386	1395	1404
CTG AGA AGC CCA GAC ACT ATG GTT ATC ATC AAA ACA GAA AAC ATC AGG GAG ATG					
---	---	---	---	---	---
L R S P D T M V I I K T E N I R E M					

FIGURE 1E

1413	1422	1431	1440	1449	1458
TAC AAT GAT GCA GAA AGA TTT AGT GAC TTT CAT GGT TAC ATT CAA TAT CTC ATC					
---	---	---	---	---	---
Y N D A E R F S D F H G Y I Q Y L I					
1467	1476	1485	1494	1503	1512
ATA AAG GAC ATT TTC CAG GAT CTC AGT GTG AGT ATC ATT GAT GCC TGG GAT ATA					
---	---	---	---	---	---
I K D I F Q D L S V S I I D A W D I					
1521	1530	1539	1548	1557	1566
ACA ATT GCA TAT GGC ACA AAT AAT GTA CAC CCA CCT CAA CAT GTA GTC GGA AAT					
---	---	---	---	---	---
T I A A Y G T N N V H P P Q H V V G N					
1575	1584	1593	1602	1611	
CAG ATT AAT ATA TTA TTA AAC TAT ATT TGT TAA ATA ACA AAA AAA AAA A 3'					
---	---	---	---	---	
Q I N I L L N Y I C					

FIGURE 1F

5'	9	18	27	36	45	54
GCC AGT TAA GAA CTC ACA GGT ACT TTT CCA GCC ACC CAG ATA GGA GAG ATC ATT						
AAA ACA GTG CAT TCT GTG CTA CCT GAC ACC TAT TGG GGT CCT GGA AGG AAG	63	72	81	90	99	108
CAA CAA TCC TGA GTG AAA CCT CGA CAA GAA GTA TCC AAT AGG ACA TTC GTC ATG	117	126	135	144	153	162
---						---
						M
171	180	189	198	207	216	
TCC TCA AAT ACA ATG CTT CAA AAA ACG CTG ATC TTG ATC TCT TTT TCA GTA						
---	---	---	---	---	---	---
S S N T M L Q K T L L I L I S F S V						
225	234	243	252	261	270	
GTA ACC TGG ATG ATT TTT ATA ATT TCT CAG AAC TTC ACA AAG CTT TGG TCT GCT						
---	---	---	---	---	---	---
V T W M I F I I S Q N F T K L W S A						
279	288	297	306	315	324	
CTA AAC TTA TCC ATC TCT GTC CAT TAC TGG AAC AAC TCC GCA AAG TCC TTA TTC						
---	---	---	---	---	---	---
L N L S I S V H Y W N N S A K S L F						

FIGURE 2A

333	342	351	360	369	378
CCT AAA ACA TCA CTG ATA CCA TTA AAG CCA CTA ACA GAG ACT GAA CTC AGA ATA					
---	---	---	---	---	---
P K T S L I P L K P L T E T E L R I					
---	---	---	---	---	---
387	396	405	414	423	432
AAG GAA ATC ATA GAG AAA CTA GAT CAG CAG ATC CCA CCC AGA CCT TTC ACC CAT					
---	---	---	---	---	---
K E I I E K L D Q Q I P P R P F T H					
---	---	---	---	---	---
441	450	459	468	477	486
GTG AAC ACC ACC AGT GCC ACA CAC AGC ACA GCC ACC ATC CTC AAC CCT CGA					
---	---	---	---	---	---
V N T T T S A A T H S T A T I L N P R					
---	---	---	---	---	---
495	504	513	522	531	540
GAT ACA TAC TGC AGG GGA GAC CAG CTG GAC ATC CTA CTG GAG GTG AGG GAC CAC					
---	---	---	---	---	---
D T Y C R G D Q L D I L L E V R D H					
---	---	---	---	---	---
549	558	567	576	585	594
TTG GGA CAG AGG AAG CAA TAT GGT GGG GAT TTC CTG AGG GCC AGG ATG TCC TCC					
---	---	---	---	---	---
L G Q R K Q Y G G D F L R A R M S S					

FIGURE 2B

603	612	621	630	639	648
CCA GCA CTG ACG GCA GGT GCT TCA GGA AAG GTG ATG GAC TTC AAC AAT GGC ACC					
P A L T A G A S G K V M D F N N G T					
657	666	675	684	693	702
TAC CTG GTC AGC TTC ACT CTG TTC TGG GAG GGC CAG GTC TCC CTG TCT CTG CTG					
Y L V S F T L F W E G Q V S L S L L					
711	720	729	738	747	756
CTC ATC CAC CCC AGT GAA GGG GCG TCG GCT CTC TGG AGG GCA AGG AAC CAA GGC					
L I H P S E G A S A L W R A R N Q G					
765	774	783	792	801	810
TAT GAT AAA ATT ATT TTC AAA GGC AAA TTT GTT AAT GGC ACC TCT CAT GTC TTC					
Y D K I I F K G K F V N G T S H V F					
819	828	837	846	855	864
ACT GAA TGT GGC CTG ACC CTA AAC TCA AAT GCT GAA CTC TGT GAA TAT CTG GAT					
T E C G L T L N S N A E L C E Y L D					

FIGURE 2C

873	GAC	AGA	GAC	CAA	GAA	GCC	TTC	TAT	TGT	ATG	AAG	CCT	CAA	CAC	ATG	CCC	TGT	GAG	918
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	D	R	D	Q	E	A	F	Y	C	M	K	P	Q	H	M	P	C	E	
927	GCT	CTG	ACC	TAC	ATG	ACC	ACC	CGG	AAT	AGA	GAG	GTA	TCT	TAT	CTT	ACA	GAC	AAG	972
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	A	L	T	Y	M	T	T	R	N	R	E	V	S	Y	L	T	D	K	
981	GAA	AAC	AGC	CTT	TTC	CAC	AGG	TCC	AAA	GTG	GGA	GTT	GAA	ATG	ATG	AAG	GAT	CGT	1026
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	E	N	S	L	F	H	R	S	K	V	G	V	E	M	M	K	D	R	
1035	AAA	CAC	ATT	GAT	GTC	ACT	AAT	TGT	AAC	AAG	AGA	GAA	AAA	ATA	GAA	GAG	ACA	TGC	1080
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	K	H	I	D	V	T	N	C	N	K	R	E	K	I	E	E	T	C	
1089	CAA	GTT	GGA	ATG	AAG	CCT	CCT	GTC	CCT	GGT	GGT	TAT	ACT	TTA	CAA	GGA	AAA	TGG	1134
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	Q	V	G	M	K	P	P	V	P	G	G	Y	T	L	Q	G	K	W	

FIGURE 2D

1143	1152	1161	1170	1179	1188
ATA ACA ACA TTT TGC AAC CAG GTT CAG TTA GAC ACA ATT AAG ATA AAT GGC TGT					
---	---	---	---	---	---
I T T F C N Q Q V Q L D T I K I N G C					
1197	1206	1215	1224	1233	1242
TTG AAA GGC AAA CTC ATT TAC CTC CTG GGA GAC TCT ACA CTA CGT CAG TGG ATC					
---	---	---	---	---	---
L K G K L I Y L L L G D S T L R Q W I					
1251	1260	1269	1278	1287	1296
TAC TAC TTC CCC AAA GTT GTA AAA ACA CTG AAG TTT TTT GAT CTT CAT GAA ACT					
---	---	---	---	---	---
Y Y F P K V V K T L K F F D L H E T					
1305	1314	1323	1332	1341	1350
GGA ATC TTT AAG AAA CAT TTG CTT CTG GAT GCA GAA AGA CAC ACT CAG ATT CAA					
---	---	---	---	---	---
G I F K K H L L L L D A E R H T Q I Q					
1359	1368	1377	1386	1395	1404
TGG AAA AAA CAT AGC TAT CCC TTC GTC ACT TTC CAG CTC TAC TCT CTG ATA GAT					
---	---	---	---	---	---
W K K H S Y P F V T F Q L Y S L I D					

FIGURE 2E

1413	CAT	GAT	TAT	ATC	CCT	CGG	GAA	ATT	GAC	CGG	CTA	TCA	GGT	GAC	AAA	AAC	ACA	GCC	1458
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	H	D	Y	I	P	R	E	I	D	R	L	S	G	D	K	N	T	A	
1467	ATC	GTC	ATC	ACC	TTT	GGC	CAG	CAC	TTT	AGA	CCA	TTT	CCC	ATT	GAC	ATT	TTT	ATT	1512
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	I	V	I	T	F	G	Q	H	F	R	P	F	P	I	D	I	F	I	
1521	CGC	AGG	GCC	ATC	GGT	GTT	CAA	AAG	GCT	ATT	GAA	AGA	CTG	TTC	CTA	AGA	AGC	CCA	1566
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	R	R	A	I	G	V	Q	K	A	I	E	R	L	F	L	R	S	P	
1575	GCC	ACT	AAA	GTG	ATT	ATT	AAG	ACA	GAA	AAC	ATC	AGG	GAG	ATG	CAC	ATA	GAG	ACA	1620
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	A	T	K	V	I	I	K	T	E	N	I	R	E	M	H	I	E	T	
1629	GAG	AGG	TTT	GGA	GAC	TTC	CAT	GGT	TAT	ATT	CAC	TAT	CTT	ATC	ATG	AAG	GAT	ATT	1674
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	E	R	F	G	D	F	H	G	Y	I	H	Y	L	I	M	K	D	I	

FIGURE 2F

1683	1692	1701	1710	1719	1728
TTC AAA GAC CTC AAC GTG GGC ATC ATT GAT GCC TGG GAC ATG ACC ATT GCA TAT					
---	---	---	---	---	---
F K D L N V G I I D A W D M T I A Y					
1737	1746	1755	1764	1773	1782
GGC ACT GAC ACT ATC CAC CCA CCT GAT CAT GTG ATT GGA AAT CAG ATT AAC ATG					
---	---	---	---	---	---
G T D T I H P P D H V I G N Q I N M					
1791	1800	1809	1818	1827	1836
TTC TTA AAC TAC ATT TGC TAA GGG ATA AAT ACT ATA CAA AAT CAC TAG GAA CCA					
---	---	---	---	---	---
F L N Y I C					
1845	1854	1863	1872	1881	1890
ATC TCT GCA CAT AAT CCC ACA TGT ATT GTA AAG TAA GTT TTA CTC ATT TTA GGA					
1899	1908	1917	1926	1935	1944
ACT AAG GAA AAT AAA TTT AAA AGA ATC TGT TTG GGG AGG AAG GCT ATG TAA GGA					
1953	1962	1971	1980	1989	1998
CAA TGA CAA CTG ATA AGG GAT GCA AAA CCA AGA GAA TCA TTC ATG AAG AAT GAC					
2007	2016	2025	2034	2043	2052
TAT ACC ATG CCT GGT TCT GAT GCT CGT TTA AAA TAT TAA AAA AGT TTT TTA AAA					

FIGURE 2G

2061	2070	2079	2088	2097	2106
GCC ATG TTA TTA AGC TGA TTT GAA AAT ATC TGT ACA AAT TCA TGA TGC TTT CTA					
2115	2124	2133	2142	2151	2160
TTT CCA ATA TAG ATA TTT CCT AGC TCT GTC TAT TGA AAA GGC CTA GGA GCA ATG					
2169	2178	2187	2196	2205	2214
ATA ACC CAT TAG CAA TAA TCA CTC CGA GCA CCC TAA CTG TGA TGT CTA AGA ACC					
2223	2232	2241			
CTT CCT CAA TAA AAG AAA AGA GGC ATC CTT GAA G 3'					

FIGURE 2H

1	M	K	I	S	M	I	N	Y	K	S	L	L	A	L	L	-	F	I	L	A	S	W	I	I	F	T	V	F	Q	N	3229449
1	M	S	S	N	T	M	L	Q	K	T	L	L	I	L	I	S	F	S	V	V	T	W	I	I	F	I	I	S	Q	N	7484349
1	M	-	-	-	-	L	H	K	-	Y	L	K	L	I	C	L	L	A	A	I	C	V	L	C	I	I	S	Q	N	g1762	
30	S	T	K	V	W	S	A	L	N	L	S	I	S	L	H	Y	W	N	N	S	T	K	S	L	F	P	K	T	P	L	3229449
31	F	T	K	L	W	S	A	L	N	L	S	I	S	V	H	Y	W	N	N	S	A	K	S	L	F	P	K	T	S	L	7484349
25	S	T	K	I	W	G	A	L	K	L	P	N	S	H	Y	Y	S	N	T	S	M	I	S	S	I	P	K	M	S	V	g1762
60	I	S	L	K	P	L	T	E	T	E	L	R	I	K	E	I	I	E	K	L	D	Q	Q	I	P	P	R	P	F	T	3229449
61	I	P	L	K	P	L	T	E	T	E	L	R	I	K	E	I	I	E	K	L	D	Q	Q	I	P	P	R	P	F	T	7484349
55	S	P	V	K	S	L	T	E	T	E	L	R	V	K	E	I	L	E	K	L	D	R	L	I	P	P	R	P	F	T	g1762
90	H	V	N	T	T	S	A	T	H	S	T	A	T	I	L	N	P	R	D	T	Y	C	R	G	D	Q	L	H	I	3229449	
91	H	V	N	T	T	S	A	T	H	S	T	A	T	I	L	N	P	R	D	T	Y	C	R	G	D	Q	L	D	I	7484349	
85	H	V	N	T	T	S	A	T	H	S	T	A	T	I	L	N	P	Q	D	K	Y	C	V	G	D	Q	L	D	I	g1762	
120	L	L	E	V	R	D	H	L	G	R	R	K	Q	Y	G	G	D	F	L	R	A	R	M	S	S	P	A	L	M	A	3229449
121	L	L	E	V	R	D	H	L	G	Q	R	K	Q	Y	G	G	D	F	L	R	A	R	M	S	S	P	A	L	T	A	7484349
115	L	L	E	V	R	D	Y	L	G	H	Q	K	E	Y	G	G	D	F	L	R	A	R	M	F	S	P	A	L	K	A	g1762
150	G	A	S	G	K	V	T	D	F	N	N	G	T	Y	L	V	S	F	T	L	F	W	E	G	Q	V	S	L	S	L	3229449
151	G	A	S	G	K	V	M	D	F	N	N	G	T	Y	L	V	S	F	T	L	F	W	E	G	Q	V	S	L	S	L	7484349
145	G	A	S	G	K	V	T	D	F	N	N	G	T	Y	L	V	S	F	T	L	F	W	E	G	Q	V	S	L	S	V	g1762

FIGURE 3A

180	L	L	I	H	P	S	E	G	V	S	A	L	W	S	A	R	N	Q	G	Y	D	R	V	I	F	T	G	Q	F	V	3229449
181	L	L	I	H	P	S	E	G	A	S	A	L	W	R	A	R	N	Q	G	Y	D	K	I	I	F	K	G	K	F	V	7484349
175	L	L	I	H	P	S	E	G	A	S	A	L	W	R	A	R	N	Q	G	Y	D	R	I	I	F	K	G	Q	F	V	g1762
210	N	G	T	S	Q	V	H	S	E	C	G	L	I	L	N	T	N	A	E	L	C	Q	Y	L	D	N	R	D	Q	E	3229449
211	N	G	T	S	H	V	F	T	E	C	G	L	T	L	N	S	N	A	E	L	C	E	Y	L	D	D	R	D	Q	E	7484349
205	N	G	T	S	H	V	F	T	E	C	S	L	T	L	N	S	N	T	E	E	C	K	Y	L	N	G	R	D	Q	D	g1762
240	G	F	Y	C	V	R	P	Q	H	M	P	C	A	A	L	T	H	M	Y	S	K	N	K	K	V	S	Y	L	S	K	3229449
241	A	F	Y	C	M	K	P	Q	H	M	P	C	E	A	L	T	Y	M	T	T	R	N	R	E	V	S	Y	L	T	D	7484349
235	V	F	Y	C	M	K	P	Q	H	M	P	C	E	A	L	T	H	V	T	S	R	N	R	D	I	S	Y	L	T	S	g1762
270	Q	E	K	S	L	F	E	R	S	N	V	G	V	E	I	M	E	K	F	N	T	I	S	V	S	K	C	N	-	-	3229449
271	K	E	N	S	L	F	H	R	S	K	V	G	V	E	M	M	K	D	R	K	H	I	D	V	T	N	C	N	K	R	7484349
265	K	E	K	N	L	F	H	R	S	K	V	G	V	E	I	M	K	N	Q	-	H	I	D	V	S	Q	C	N	K	S	g1762
298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3229449	
301	E	K	I	E	T	C	Q	V	G	M	K	P	P	V	P	G	G	Y	T	L	Q	G	K	W	I	T	T	F	C	7484349	
294	K	E	V	K	E	K	Q	I	G	M	K	I	P	V	P	G	G	Y	T	L	Q	G	R	W	L	T	T	F	C	g1762	
298	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3229449	
331	N	Q	V	Q	L	D	T	I	K	I	N	G	C	L	K	G	K	L	I	Y	L	L	G	D	S	T	L	R	Q	W	7484349
324	N	Q	I	Q	L	D	T	A	K	I	S	G	C	L	K	G	K	L	I	Y	L	M	G	D	S	T	L	R	Q	W	g1762

FIGURE 3B

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469	I	L	L	N	Y	I	C
541	M	F	L	N	Y	I	C
534	M	F	L	N	Y	I	C

3229449
7484349
g1762

FIGURE 3D